

List of Activities

P Artemisia pallens (Asteraceae)

Common name(s)

Davana

How used

Medicinal

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Activity	Reference
Aldose-Reductase-Inhibitor	
Chemicals (1)	
CARYOPHYLLENE	
Allelopathic	Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY,NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
Chemicals (1)	
TERPINEN-4-OL	
Allergenic	
Chemicals (2)	
CARYOPHYLLENE ETHANOL	
Analgesic	Taylor, Leslie. 2005. The Healing Power of Rainforest Herbs. SquareOne Publisher, Garden City Park, NY. 519 pp.
Chemicals (1)	
CARYOPHYLLENE	
Anesthetic	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.
Chemicals (1)	
ETHANOL 4,000 orl cat	
Anhydrotic	Martindale's 29th
Chemicals (1)	
ETHANOL	
Antiacetylcholinesterase	
Chemicals (1)	
TERPINEN-4-OL IC21-24=1.2 mM	
Antiacne	
Chemicals (2)	
CARYOPHYLLENE TERPINEN-4-OL	
Antiallergic	

Chemicals (1)

TERPINEN-4-OL

Antianoxic Yamahara, J., Matsuda, H., Naitoh, Y., Fujimura, H., and Tamai, Y. 1990. Antianoxic Action and Active Constituents of *Atractylodes Lanceae* Rhizoma. Chem. Pharm. Bull. 38(7): 2033-2034, 1990.

Chemicals (1)

BETA-EUDESOL ED60=300 orl mus

Antiasthmatic Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

Chemicals (2)

CARYOPHYLLENE

TERPINEN-4-OL

Antiatherosclerotic

Chemicals (1)

ETHANOL

Antibacterial Martindale's 28th

Chemicals (3)

CARYOPHYLLENE

ETHANOL

TERPINEN-4-OL

Anticariogenic Muroi, H. and Kubo, I. 1993. Combination Effects of Antibacterial Compounds in Green Tea Flavor against *Streptococcus mutans*. J. Agric. Food Chem. 41: 1102-1105.

Chemicals (1)

CARYOPHYLLENE MIC=>1,600 ug/ml

Antidermatitic

Chemicals (1)

CARYOPHYLLENE

AntiEBV

Chemicals (1)

BETA-EUDESOL

Antiedemic Shimizu,*M., et al. 1990. Anti-inflammatory Constituents of Topically Applied Crude Drugs. IV.1) Constituents and Anti-inflammatory Effect of Paraguayan Crude Drug 'Alhucema' (*Lavandula latifolia* Vill.)2). Chem. Pharm. Bull. 38(8): 2283-2284, 1990.

Chemicals (1)

CARYOPHYLLENE

Antifeedant Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.

Chemicals (2)

CADINENE

CARYOPHYLLENE 500 ppm

Antiinflammatory Shimizu,*M., et al. 1990. Anti-inflammatory Constituents of Topically Applied Crude Drugs. IV.1) Constituents and Anti-inflammatory Effect of Paraguayan Crude Drug 'Alhucema' (*Lavandula latifolia* Vill.)2). Chem. Pharm. Bull. 38(8): 2283-2284, 1990.

Chemicals (1)

CARYOPHYLLENE IC50=100 uM

Antileishmanic

Chemicals (1)

CARYOPHYLLENE

Antimutagenic

Chemicals (1)

BETA-EUDESOL ID50=0.09 uM/ml

Antionychotic

Taylor, Leslie. 2005. The Healing Power of Rainforest Herbs. SquareOne Publisher, Garden City Park, NY. 519 pp.

Chemicals (1)

CARYOPHYLLENE

Antioxidant

Chemicals (1)

TERPINEN-4-OL

Antipeptic

Chem & Pharm. Bull., 34: 3854, 1986.

Chemicals (1)

BETA-EUDESOL

Antiproliferant

Chemicals (1)

CARYOPHYLLENE

Antipruritic

Martindale's 28th

Chemicals (1)

ETHANOL

Antisalmonella

Chemicals (1)

BETA-EUDESOL >0.18 uM/ml

Antiseptic

Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.

Chemicals (3)

AROMADENDRENE

ETHANOL

TERPINEN-4-OL

Antispasmodic

Chemicals (2)

CARYOPHYLLENE

TERPINEN-4-OL

Antistaphylococcic

Chemicals (1)

CARYOPHYLLENE

Antistreptococcic

Chemicals (1)

CARYOPHYLLENE

Antitumor

Zheng, G-Q., Kenney, P.M., and Lam, L.K.T. Sesquiterpenes From Clove (*Eugenia caryophyllata*) As Potential Anticarcinogenic Agents. Journal of Natural Products 55(7): 999-1003, 1992.

Chemicals (1)

CARYOPHYLLENE

Antitumor-Promoter?

Chemicals (1)

BETA-EUDESOL

Antitussive Chin. J. Tuber. Respir. Dis.

Chemicals (1)

TERPINEN-4-OL

Antiulcer Taylor, Leslie. 2005. The Healing Power of Rainforest Herbs. SquareOne Publisher, Garden City Park, NY. 519 pp.

Chemicals (3)

BETA-EUDESOL

CARYOPHYLLENE

TERPINEN-4-OL

Bacteriostatic Chin. J. Tuber. Respir. Dis.

Chemicals (1)

TERPINEN-4-OL

Calcium-Antagonist

Chemicals (1)

BETA-EUDESOL 40 uM mus

Cancer-Preventive Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.

Chemicals (1)

AROMADENDRENE

Candidicide

Chemicals (1)

CARYOPHYLLENE

CNS-Depressant Martindale's 28th

Chemicals (1)

ETHANOL

CNS-Inhibitor

Chemicals (1)

BETA-EUDESOL

Diuretic

Chemicals (1)

TERPINEN-4-OL 0.1 ml/rat

Expectorant Schulz, V, Hansel, R and Tyler, VE. 1998. Rational Phytotherapy - A Physician's Guide to Herbal Medicine. 3rd ed. 1st English Edition. Translated by Terry C. Telger. Springer Verlag, Heidelberg. 306 pp.

Chemicals (1)

ETHANOL

FLavor Aloe Research Council - Duke writeup of non-peer reviewed book by Coats and draft by Henry

Chemicals (4)

CADINENE FEMA 400-4,000

CARYOPHYLLENE FEMA 20-200

CINNAMYL-CINNAMATE FEMA <1

FENCHYL-ALCOHOL FEMA 0.2-5

Fungicide

Chemicals (2)

CARYOPHYLLENE
TERPINEN-4-OL

Gastroprotective

Taylor, Leslie. 2005. The Healing Power of Rainforest Herbs. SquareOne Publisher, Garden City Park, NY. 519 pp.

Chemicals (1)

CARYOPHYLLENE

Hepatoprotective

Chemicals (1)

BETA-EUDESOL

Hepatotoxic

Martindale's 29th

Chemicals (1)

ETHANOL

Herbicide

Lydon, J. & Duke, S., The potential of pesticides from plants, pp. 1-41 in Craker, L. & Simon, J., eds, Herbs, Spices & Medicinal Plants: Recent Advances in Botany, Horticulture, & Pharmacology, v. 4, Oryx Press, Phoenix, 1989, 267pp.

Chemicals (1)

TERPINEN-4-OL IC50=200 mM

Hypertensive

Chemicals (1)

ETHANOL >1 drink/day

Hypnotic

Martindale's 29th

Chemicals (1)

ETHANOL Antidote=Naloxone

Hypocalcemic

Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.

Chemicals (1)

ETHANOL 4,000 orl rat

Hypotensive

Chemicals (1)

ETHANOL 1 drink/day

Insectifuge

Chemicals (2)

CARYOPHYLLENE
TERPINEN-4-OL

Irritant

Zebovitz, T. C. Ed. 1989. Part VII. Flavor and Fragrance Substances, in Keith L. H. and Walters, D.B., eds. Compendium of Safety Data Sheets for Research and Industrial Chemicals. VCH Publishers, New York. 3560-4253.

Chemicals (2)

CARYOPHYLLENE
TERPINEN-4-OL

Larvicide

Chemicals (1)

CARYOPHYLLENE

Mosquitocide

Chemicals (1)

CARYOPHYLLENE

Mucotropic Schulz, V, Hansel, R and Tyler, VE. 1998. Rational Phytotherapy - A Physician's Guide to Herbal Medicine. 3rd ed. 1st English Edition. Translated by Terry C. Telger. Springer Verlag, Heidelberg. 306 pp.

Chemicals (1)

ETHANOL

Nematicide Shoyakugaku Zasshi, 44: 183.

Chemicals (1)

TERPINEN-4-OL MLC=1 mg/ml

Neurogenic

Chemicals (1)

BETA-EUDESOL

Neurolytic Merck 11th Edition

Chemicals (1)

ETHANOL

Perfumery Merck 11th Edition

Chemicals (2)CADINENE
CARYOPHYLLENE

Pesticide

Chemicals (6)AROMADENDRENE
BETA-EUDESOL
CADINENE
CARYOPHYLLENE
ETHANOL
TERPINEN-4-OL

Renoirritant Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.

Chemicals (1)

TERPINEN-4-OL

Rubefacient Martindale's 29th

Chemicals (1)

ETHANOL

Sclerosant Martindale's 29th

Chemicals (1)

ETHANOL

Sedative

Chemicals (2)BETA-EUDESOL
CARYOPHYLLENE

Spermicide

Chemicals (1)

TERPINEN-4-OL ED100=0.015

Surfactant Schulz, V, Hansel, R and Tyler, VE. 1998. Rational Phytotherapy - A Physician's Guide to Herbal Medicine. 3rd ed. 1st English Edition. Translated by Terry C. Telger. Springer Verlag, Heidelberg. 306 pp.

Chemicals (1)

ETHANOL

Teratogenic Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.

Chemicals (1)

ETHANOL 6,000 orl dog

Termitifuge Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.

Chemicals (1)

CARYOPHYLLENE

Tremorilytic Martindale's 28th

Chemicals (1)

ETHANOL

Ulcerogenic

Chemicals (1)

ETHANOL 5 ml/kg (50%) orl rat

Vulnerary Lawrence Review of Natural Products, Jan-91.

Chemicals (1)

TERPINEN-4-OL